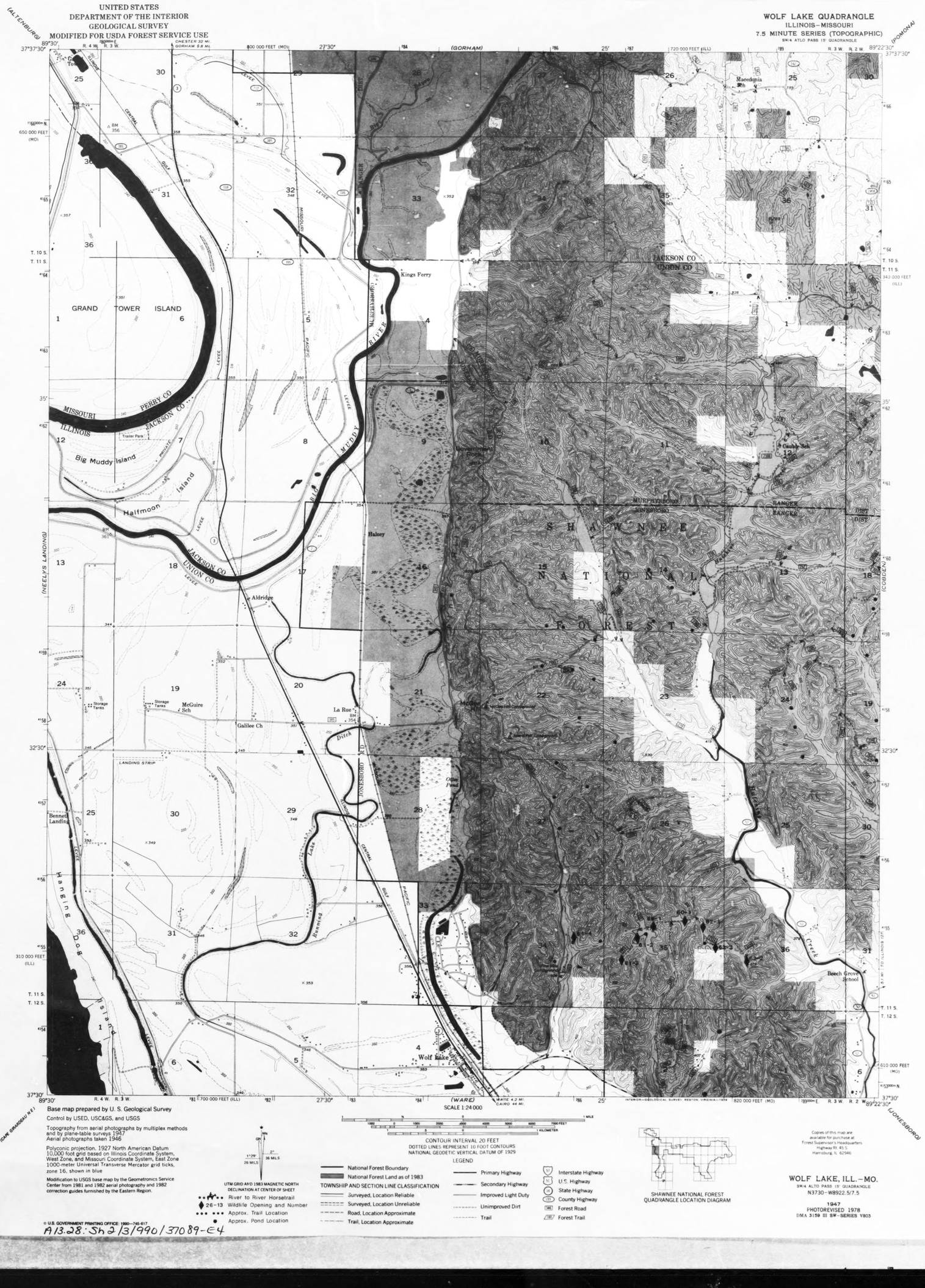
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE

WOLF LAKE QUADRANGLE

ILLINOIS–MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ALTO PASS 15' QUADRANGLE



Base map prepared by U. S. Geological Survey

Control by USED, USC&GS, and USGS

Topography from aerial photographs by multiplex methods and by plane-table surveys 1947
Aerial photographs taken 1946

Polyconic projection. 1927 North American Datum
10,000 foot grid based on Illinois Coordinate System, West Zone, and Missouri Coordinate System, East Zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

Modification to USGS base map by the Geometronics Service Center from 1981 and 1982 aerial photography and 1982 correction guides furnished by the Eastern Region.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

TOWNSHIP AND SECTION LINE CLASSIFICATION
- Surveyed, Location Reliable
- Surveyed, Location Unreliable
- Road, Location Approximate
- Trail, Location Approximate

LEGEND
- National Forest Boundary
- National Forest Land as of 1983
- River to River Horsetrail
- 26–13 Wildlife Opening and Number
- Approx. Trail Location
- Approx. Pond Location
- Primary Highway
- Secondary Highway
- Improved Light Duty
- Unimproved Dirt
- Trail
- Interstate Highway
- U.S. Highway
- State Highway
- County Highway
- Forest Road
- Forest Trail

SHAWNEE NATIONAL FOREST
QUADRANGLE LOCATION DIAGRAM

Copies of this map are available for purchase at Forest Supervisor's Headquarters Highway 91 45 S. Harrisburg, IL 62946

WOLF LAKE, ILL.–MO.
SW/4 ALTO PASS 15' QUADRANGLE
N3730–W8922.5/7.5

1947
PHOTOREVISED 1978
DMA 3159 III SW–SERIES V803

U.S. GOVERNMENT PRINTING OFFICE: 1980—746-617

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